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# United States Patent [19]

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[54]	BLOW MOLDING DEVICE FOR PRODUCING THERMOPLASTIC CONTAINERS		
[75]	( ]	Dominique Briere, Le Havre; Léon Colsy, Saint Martin du Manoir; Paul La Barre, Sainte Adresse; Pascal Santais, Le Havre, all of France	
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[22]	PCT Filed:	Apr. 16, 1996	
[86]	PCT No.:	PCT/FR96/00576	
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	§ 102(e) Dat	e: Oct. 17, 1997	
[87]	PCT Pub. No	o.: WO96/33059	
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[30]	Foreign	Application Priority Data	
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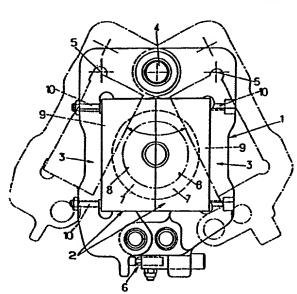
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## **ABSTRACT**

The invention concerns a device for producing thermoplastic containers, in particular bottles, by the blow-molding or stretch blow-molding of a preheated preform. The device comprises at least one mould consisting of two half-molds (2) each supported by a mould carrier, the two mould carriers being movable relative to each other. Each halfmould (2) comprises a shell holder (9), supported by the respective mould carrier, and a shell (7) which is equipped with a half-impression (8) of the container to be obtained and can be rendered integral in a detachable manner with its shell holder (9) by rapid-fastening means (19-23). The shell (7) and the shell holder (9) are of complementary shapes such that they contact each other at least partially for heat conduction purposes whilst the pipes and connections for circulating and/or heating fluids are provided in the shell holder alone.

## 14 Claims, 3 Drawing Sheets



# [56]

[58] Field of Search .....

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